

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	142	604/157.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/28 10:26
L3	108	L2 and spring	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/28 10:26
L4	25	L3 and barrel and plunger	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/28 10:27
S1	564	needle protector	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/18 14:24
S2	68	S1 and plunger and barrel	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/18 14:24
S3	0	S2 and (inner housing)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/18 14:24
S4	19	("20010027327"   "20020087180"   "4637403"   "4817603"   "5026388"   "5350392"   "5527334"   "5613978"   "5797940"   "5833660"   "5871494"   "6022366"   "6106537"   "6168606"   "6210420"   "6258112"   "6322574"   "RE32922").PN. OR ("6852119").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/18 14:25

S5	121	("0361750"   "0677756"   "0922331"   "2295849"   "2472116"   "2531267"   "2671448"   "3166069"   "3656472"   "3659610"   "3797483"   "3809095"   "3880163"   "3892237"   "4139011"   "4360016"   "4375815"   "4379456"   "4384579"   "4388925"   "4403989"   "4449529"   "4487602"   "4503856"   "4512767"   "4527561"   "4616649"   "4624253").PN. OR ("RE32922").URPN.	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/07/18 14:30
S6	1	"4517978".pn.	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/07/18 14:38
S7	13	S5 and injector	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/07/18 15:05
S8	129	("0007560"   "0007850"   "0028697"   "0034677"   "0055521"   "0055775"   "0059306"   "0060917"   "2009562"   "2542828"   "2699784"   "3030959"   "3605743"   "3612051"   "3656472"   "3659610"   "3702608"   "3702609"   "3756242"   "3941130"   "4064871"   "4078552"   "4203446"   "4230118"   "4379456").PN. OR ("4503856").URPN.	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/07/18 15:17
S9	23	("20010004681"   "20010053886"   "20010004681"   "20010053886"   "20030000524"   "20030045858"   "20030093030"   "20030000524"   "20030045858"   "20030093030"   "20050165349"   "20050165360"   "20070173770"   "3811422"   "3811442"   "4617016"   "4913699"   "4617016"   "4913699"   "5078698"   "5478316"   "5568261"	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/07/18 15:43

		"5681291"   "5779675"   "5078698"   "5568261"   "5681291"   "5779675"   "6264629"   "6280421"   "6544234"   "6620137"   "6752781"   "6264629"   "6544234"   "6752781"   "7156823").PN.				
S10	0	"10767860"	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/07/18 16:18
S11	2683	604/134,136,156,162.ccls. or 606/167,181.ccls.	US- PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/21 09:41
S12	30	("2531267"   "2671448"   "2960087"   "3055362"   "3605742").PN. OR ("3702608").URPN.	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/07/21 09:42
S13	1366	S11 and needle	US- PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/21 09:43
S14	361	S13 and plunger	US- PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/21 09:43
S15	97	S14 and inject	US- PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/21 09:43
S16	276	S14 and inject\$3	US- PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/21 09:44
S17	246	S16 and spring	US- PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/21 09:44
S18	200	S17 and housing	US- PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/21 09:44
S19	58	S18 and barrel	US- PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/21 09:44

S20	18	("3279653"   "3474787"   "3605745"   "3797489"   "3886938"   "4430079"   "4437859"   "4652260"   "4838857"   "4976696"   "5034004"   "5300030"   "5545140"   "5843036").PN. OR ("6371939").URPN.	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/07/21 09:47
S21	1	"6544234".pn.	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/07/21 10:33
S22	18	("2752918"   "4031893"   "4553962"   "5092842"   "5114406"   "5244465"   "5478316"   "5480387"   "5514097"   "5599309"   "5658259"   "5779677"   "6221046"   "6280421").PN. OR ("6544234").URPN.	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/07/21 10:33
S23	1	"4617016".pn.	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/07/21 11:42
S24	1	"5478316".pn.	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/07/21 11:48
S25	1	"6544234".pn.	US- PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/22 13:07
S26	1	"6270479".pn.	US- PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/22 13:51
S27	10	(US-3756242-\$ or US-0060917- \$ or US-5478316-\$ or US- 5681291-\$ or US-4976724-\$ or US-3702608-\$ or US-4913699- \$ or US-3797489-\$ or US- 6270479-\$ or US-5167632-\$). did.	USPAT	ADJ	ON	2008/07/22 15:22
S28	2	S27 and audible	USPAT	ADJ	ON	2008/07/22 15:22
S29	2	S27 and audible	US- PGPUB; USPAT	ADJ	ON	2008/07/22 15:23
S30	1	S27 and window	US- PGPUB; USPAT	ADJ	ON	2008/07/22 15:24

S31	2685	604/134,136,156,162.ccls. or 606/167,181.ccls.	US- PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/22 16:31
S32	377	S31 and ((viewing window) or window)	US- PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/22 16:31
S33	44	S32 and audible	US- PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/22 16:31
S34	13	S32 and audible	USPAT; EPO; JPO	ADJ	ON	2008/07/22 16:31
S35	0	S32 and (window near2 barrel) and (window near2 housing)	USPAT; EPO; JPO	ADJ	ON	2008/07/22 16:39
S36	3	S32 and (window same barrel) and (window same housing)	USPAT; EPO; JPO	ADJ	ON	2008/07/22 16:39
S37	2743	604/187,197,196,192.ccls.	US- PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/23 09:52
S38	1271	S37 and plunger	US- PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/23 09:52
S39	1099	S38 and needle	US- PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/23 09:52
S40	295	S39 and sheath	US- PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/23 09:52
S41	3	S40 and rivet	US- PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/23 09:53
S42	231	S40 and cover	US- PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/23 09:56
S43	57	S42 and (needle cover)	US- PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/23 09:56
S44	2685	604/134,136,156,162.ccls. or 606/167,181.ccls.	US- PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/23 09:56

S45	6	S42 and S44	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/23 09:56
S46	0	S45 and twist	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/23 09:58
S47	4	S45 and turn	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/23 09:58
S48	0	S44 and ((needle cover) same sheath same (turn or twist) same stopper same motion)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/23 10:01
S49	0	S44 and ((needle cover) same sheath same (turn or twist) same stopper same motion)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/23 10:01
S50	0	S44 and ((needle cover) same sheath same (turn or twist) same motion)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/23 10:01
S51	1	S44 and ((needle cover) same sheath same (turn or twist))	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/23 10:02
S52	1	S44 and ((needle cover) same sheath same (turn\$3 or twist \$3))	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/23 10:02
S53	6	((needle cover) same sheath same (turn\$3 or twist\$3))	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/23 10:02
S54	0	((needle cover) same (rubber sheath) same (turn\$3 or twist \$3))	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/23 10:19
S55	3	((needle cover) and (rubber sheath) and (turn\$3 or twist \$3))	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/23 10:19
S56	214	((needle cover) and (sheath) and (turn\$3 or twist\$3))	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/23 10:23

S57	151	((needle cover) and (sheath) and (turn\$3 or twist\$3)) and locking	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/23 10:23
S58	73	S57 and rubber	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/23 10:23
S59	73	S58 and prevent\$3	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/23 10:23
S60	0	S58 and (prevent\$3 near3 twist\$3)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/23 10:23
S61	0	S58 and (prevent\$3 near3 turn3)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/23 10:23
S62	3	S58 and (prevent\$3 near3 turn\$3)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/23 10:24
S63	32	needle same sheath same cover same (twist\$3 or turn\$3) same prevent\$3	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/23 10:25
S64	19	needle same sheath same cover same (twist\$3 or turn\$3) same prevent\$3	USPAT; EPO; JPO	ADJ	ON	2008/07/23 10:26
S65	1	"5003217".pn.	USPAT; EPO; JPO	ADJ	ON	2008/07/23 10:28
S66	1	"6270479".pn.	USPAT; EPO; JPO	ADJ	ON	2008/07/23 10:42

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